

U.S.S.N. 09/925,199

CLAIMS:

Please amend the claims as follows:

1. (Currently Canceled) ~~A battery for use in various temperature environments, comprising:
a. at least one electro-chemical cell; and
b. a sleeve disposed around the lithium ion at least one electro-chemical cell, the sleeve comprising a material that acts as an insulator at relatively low temperatures and that acts as a conductor at relatively high temperatures.~~
2. (Currently Amended) ~~The battery of Claim 1~~ A battery for use in various temperature environments, comprising:
a. at least one electro-chemical cell; and
b. a sleeve disposed around the at least one electro-chemical cell, the sleeve comprising a material that acts as an insulator at relatively low temperatures and that acts as a conductor at relatively high temperatures, wherein the material that acts as an insulator at relatively low temperatures and that acts as a conductor at relatively high temperatures comprises an aluminum filled thermally conductive phase change material.
3. (Currently Canceled) ~~The battery of Claim 1, wherein the sleeve comprises a phase change material.~~
4. (Currently Amended) ~~The battery of Claim 1~~ 2, wherein the electro-chemical cell comprises a lithium-ion cell.
5. (Currently Amended) A battery for use in various temperature environments, comprising:
a. a plurality of lithium-ion cells, the plurality of lithium-ion cells being arranged in a close packing arrangement; and
b. a sleeve disposed around the lithium ion cells, the sleeve comprising a material that acts as an insulator at relatively low temperatures and that acts as a conductor at relatively high temperatures, wherein the material that acts as an insulator at

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relatively low temperatures and that acts as a conductor at relatively high temperatures comprises an aluminum filled thermally conductive phase change material.

6. (Currently Canceled) ~~The battery of Claim 5, wherein the sleeve comprises a phase change material.~~

7. (Currently Canceled) ~~A jacket for a battery for facilitating battery use in various temperature environments, the jacket comprising a replaceable sleeve shaped so as to define a cavity that is complementary in shape to a battery, the sleeve comprising a material that acts as an insulator at relatively low temperatures and that acts as a conductor at relatively high temperatures.~~

8. (Currently Canceled) ~~The battery of Claim 7, wherein the sleeve comprises a phase change material.~~